

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\  
 Data File : VW012275.D  
 Acq On : 29 Aug 2019 02:02  
 Operator : SY/VA  
 Sample : K4543-14  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-9-S2

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
 Title : SW846 8260

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.952    | 6          | 8        | 23        | rVB3  | 11529       | 27670      | 1.87%        | 0.331%     |
| 2      | 2.147    | 35         | 40       | 48        | rBV   | 12910       | 27244      | 1.84%        | 0.326%     |
| 3      | 2.348    | 64         | 73       | 83        | rVB   | 45426       | 81201      | 5.49%        | 0.972%     |
| 4      | 4.135    | 356        | 366      | 384       | rBV   | 15682       | 51477      | 3.48%        | 0.616%     |
| 5      | 4.909    | 482        | 493      | 510       | rBV   | 18380       | 71022      | 4.80%        | 0.850%     |
| 6      | 5.116    | 513        | 527      | 542       | rBV2  | 50569       | 189818     | 12.83%       | 2.272%     |
| 7      | 5.933    | 649        | 661      | 671       | rVB3  | 6258        | 19874      | 1.34%        | 0.238%     |
| 8      | 7.146    | 844        | 860      | 878       | rBV   | 132480      | 403214     | 27.25%       | 4.826%     |
| 9      | 7.878    | 970        | 980      | 985       | rBV   | 181192      | 429419     | 29.03%       | 5.139%     |
| 10     | 7.945    | 985        | 991      | 1004      | rVB   | 361258      | 801131     | 54.15%       | 9.588%     |
| 11     | 8.250    | 1030       | 1041     | 1044      | rBV   | 40978       | 96024      | 6.49%        | 1.149%     |
| 12     | 8.305    | 1044       | 1050     | 1059      | rVB   | 202421      | 451459     | 30.52%       | 5.403%     |
| 13     | 8.841    | 1127       | 1138     | 1150      | rBV   | 543444      | 1096377    | 74.11%       | 13.121%    |
| 14     | 10.323   | 1371       | 1381     | 1388      | rBV   | 847758      | 1479462    | 100.00%      | 17.706%    |
| 15     | 10.384   | 1388       | 1391     | 1400      | rVB   | 14653       | 25579      | 1.73%        | 0.306%     |
| 16     | 10.707   | 1436       | 1444     | 1451      | rBV   | 8051        | 15255      | 1.03%        | 0.183%     |
| 17     | 11.627   | 1585       | 1595     | 1606      | rBV   | 692694      | 1185454    | 80.13%       | 14.187%    |
| 18     | 12.615   | 1750       | 1757     | 1767      | rVB   | 524376      | 885162     | 59.83%       | 10.594%    |
| 19     | 13.554   | 1904       | 1911     | 1919      | rBV   | 583415      | 961159     | 64.97%       | 11.503%    |
| 20     | 14.072   | 1990       | 1996     | 2004      | rVB2  | 22510       | 40608      | 2.74%        | 0.486%     |
| 21     | 14.328   | 2030       | 2038     | 2043      | rBV5  | 9190        | 17035      | 1.15%        | 0.204%     |

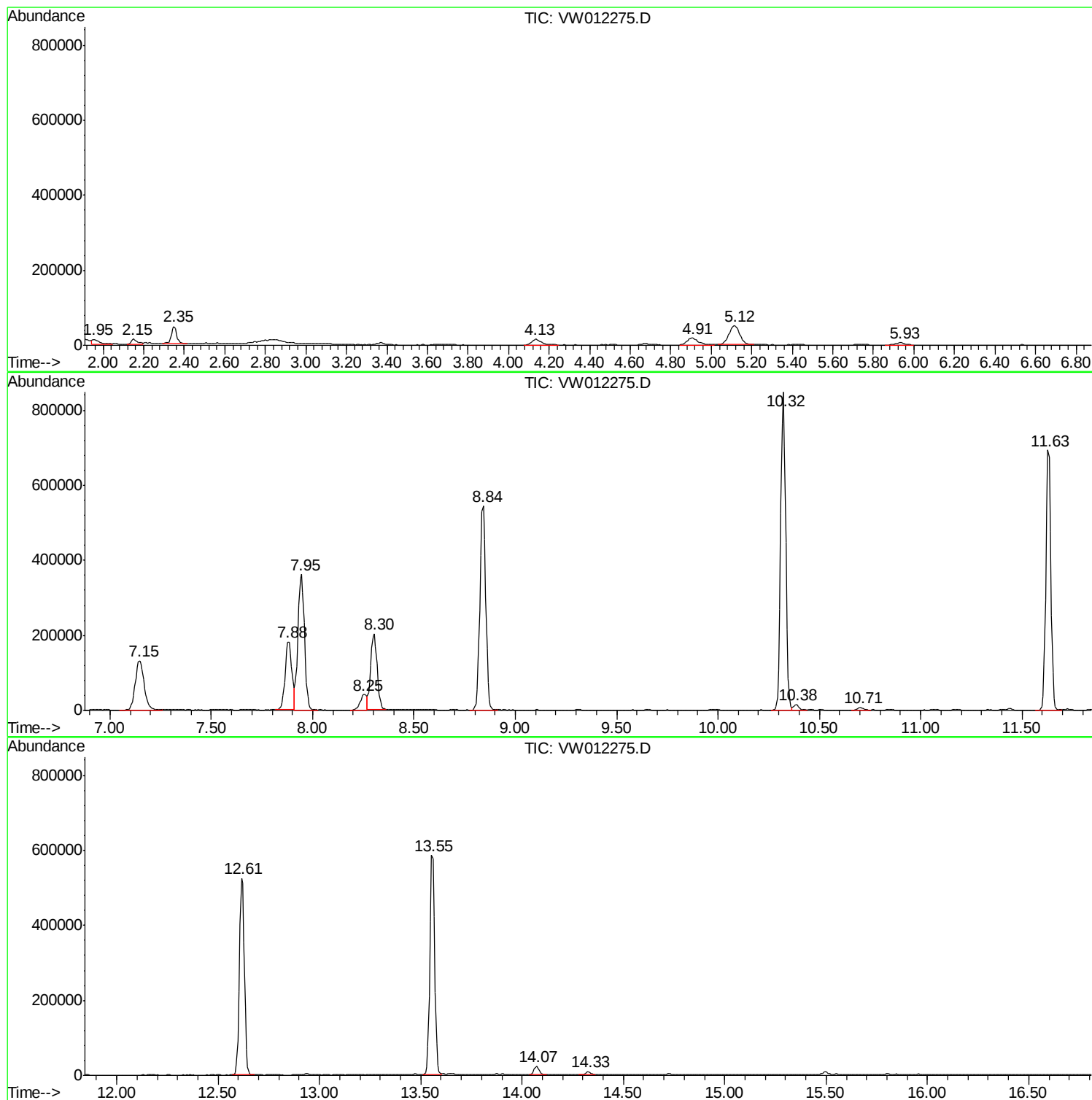
Sum of corrected areas: 8355644

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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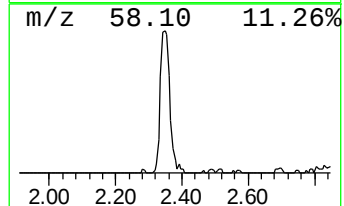
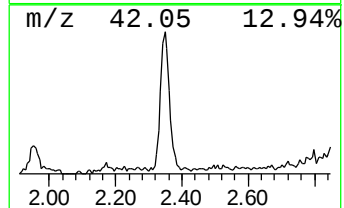
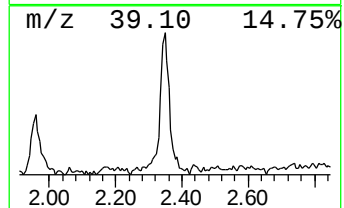
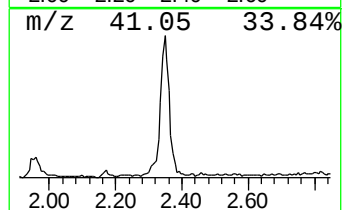
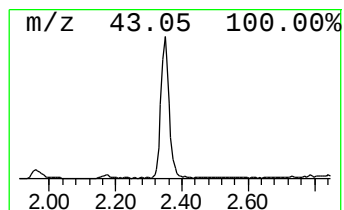
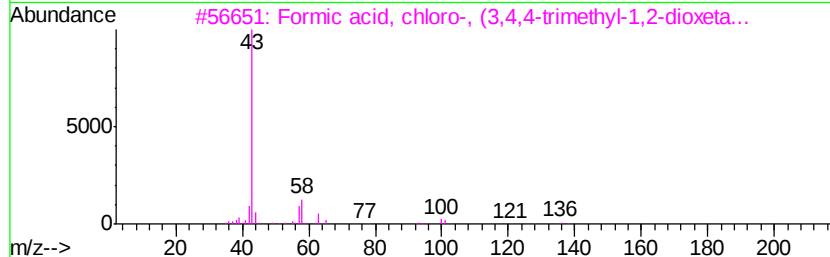
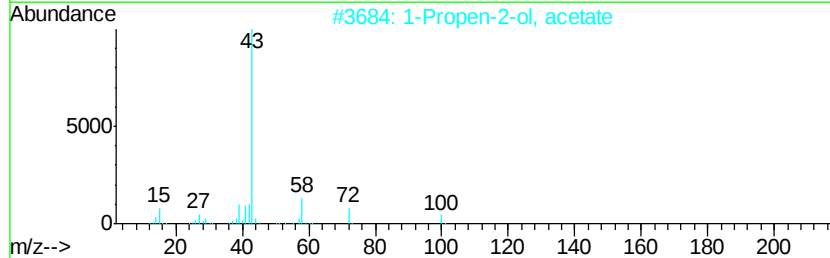
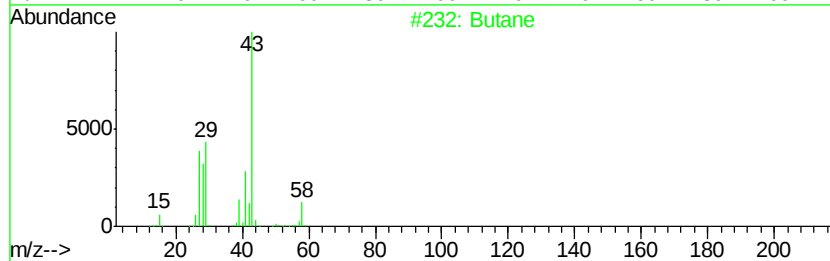
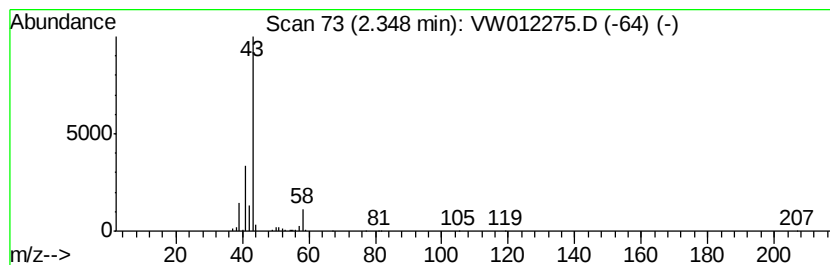
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Peak Number 1 Butane Concentration Rank 3

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 2.35 | 5.07 ug/l | 81201 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Butane                              | 58  | C4H10     | 000106-97-8 | 72   |
| 2    |    | 1-Propen-2-ol, acetate              | 100 | C5H8O2    | 000108-22-5 | 50   |
| 3    |    | Formic acid, chloro-, (3,4,4-tri... | 194 | C7H11ClO4 | 107323-92-2 | 39   |
| 4    |    | 1,4-Cyclohexanediol, trans-         | 116 | C6H12O2   | 006995-79-5 | 9    |
| 5    |    | Propane, 1-nitro-                   | 89  | C3H7NO2   | 000108-03-2 | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane           | 2.35 | 5.1     | ug/l  | 81201    | 1                     | 7.95 | 801131 | 50.0 |